

**AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A heat-dissipating device, comprising:

a rotor having an impeller, a hub and a shaft;

a base for supporting said rotor;

a magnetic portion coupled to said shaft and said base for simultaneously generating axially and radially magnetic forces to position the shaft; and

a bearing portion coupled to said shaft and said base for supporting said shaft upon rotation of said shaft;

wherein said magnetic portion and said bearing portion are disposed on an inner side of said hub.

2. (Previously Presented) The heat-dissipating device according to Claim 1, wherein said axially and radially magnetic forces are repulsive magnetic forces or attractive magnetic forces, respectively.

3. (Previously Presented) The heat-dissipating device according to Claim 1, wherein said magnetic portion includes an upper magnetic portion and a lower magnetic portion.

4. (Previously Presented) The heat-dissipating device according to Claim 3, wherein said upper magnetic portion and said lower magnetic portion are disposed symmetrically on two opposite sides of said bearing portion and include a first magnetic ring, a second magnetic ring and a third magnetic ring, respectively.

5. (Currently Amended) The heat-dissipating device according to Claim 4, wherein said first magnetic ring and said third magnetic ring are ~~connected~~ coupled to said shaft and said second magnetic ring is connected to said base.

6. (Currently Amended) The heat-dissipating device according to Claim 4, wherein said second magnetic ring and said third magnetic ring are disposed in a radial alignment with each other ~~in a radial alignment with each other to have the same polar disposition to have identical poles opposing each other for generating repulsive magnetic field.~~

7. (Currently Amended) The heat-dissipating device according to Claim 4, wherein said first magnetic ring and said second magnetic ring are disposed in an axial alignment with each other ~~in an axial alignment with each other to have an opposite polar disposition to have identical poles opposing each other for generating repulsive magnetic field.~~

8. (Previously Presented) The heat-dissipating device according to Claim 3 , wherein said upper magnetic portion includes an inner magnetic ring and an outer magnetic ring and said lower magnetic portion includes a first magnetic ring, a second magnetic ring and a third magnetic ring.

9. (Currently Amended) The heat-dissipating device according to Claim 8, wherein said inner magnetic ring and said outer magnetic ring are disposed in a radial alignment with ~~each~~

~~ether to have the same polar disposition~~ identical poles opposing each other for generating repulsive magnetic field.

10. (Currently Amended) The heat-dissipating device according to Claim 8, wherein said inner magnetic ring and said outer magnetic ring are disposed in a radial alignment with ~~each other to have an opposite polar disposition~~ opposite poles opposing each other for generating attractive magnetic field.

11. (Currently Amended) The heat-dissipating device according to Claim 8, wherein said first magnetic ring and said third magnetic ring are ~~connected~~ coupled to the shaft and said second magnetic ring is connected to said base.

12. (Currently Amended) The heat-dissipating device according to Claim 8, wherein said first magnetic ring, said second magnetic ring and said third magnetic ring are disposed in an axial alignment with ~~each other to have an opposite polar disposition~~ identical poles opposing each other for generating axially repulsive magnetic forces.

13. (Currently Amended) The heat-dissipating device according to Claim 8, wherein said first magnetic ring, said second magnetic ring and said third magnetic ring are disposed in an axial alignment with ~~each other to have an identical polar disposition~~ opposite poles opposing each other for generating axially attractive magnetic forces.

14. (Previously Presented) The heat-dissipating device according to Claim 1, wherein said bearing portion is a sleeve bearing.

15. (Currently Amended) A heat-dissipating device, comprising:

a rotor having an impeller and a shaft;

a base for supporting said rotor;

a magnetic portion coupled to said shaft and said base ~~for simultaneously generating a radially magnetic force and an axially magnetic force, wherein said magnetic portion includes,~~  
comprising:

a first magnetic portion comprising a first magnetic ring, a second magnetic ring and a third magnetic ring, wherein the first magnetic ring is axially aligned with the second magnetic ring for generating a axially magnetic force, and the third magnetic ring is radially aligned with the second magnetic ring for generating a radially magnetic force; and

a second magnetic portion comprising a first magnetic ring, a second magnetic ring and a third magnetic ring, wherein the first magnetic ring is axially aligned with the second magnetic ring for generating a axially magnetic force, and the third magnetic ring is radially aligned with the second magnetic ring for generating a radially magnetic force; which are disposed symmetrically in opposite orientations for respectively simultaneously providing said radially and axially magnetic forces; and

a bearing portion coupled to said shaft and said base for supporting said shaft upon rotation of said shaft.

16. (Previously Presented) The heat-dissipating device according to Claim 15, wherein said axially and radially magnetic forces are repulsive magnetic forces or attractive magnetic forces, respectively.

17. (Currently Amended) The heat-dissipating device according to Claim 15, wherein said first magnetic portion and said second magnetic portion are disposed symmetrically on two opposite sides of said bearing portion ~~and include a first magnetic ring, a second magnetic ring and a third magnetic ring~~, respectively.

18. (Currently Amended) The heat-dissipating device according to Claim ~~17~~15, wherein said first magnetic ring and said third magnetic ring are connected to said shaft and said second magnetic ring is connected to said base.

19. (Currently Amended) A heat-dissipating device, comprising:  
a rotor having an impeller and a shaft;  
a base for supporting said rotor;  
a magnetic portion coupled to said shaft and said base for generating a radially magnetic force and an axially magnetic force, wherein said magnetic portion includes a first magnetic portion with two magnetic rings aligned radially for only providing said radially magnetic force and a second magnetic portion with three magnetic rings disposed axially for only providing said axially magnetic force; and

a bearing portion coupled to said shaft and said base for supporting said shaft upon rotation of said shaft.

20. (Previously Presented) The heat-dissipating device according to Claim 19, wherein said first magnetic portion includes an inner magnetic ring and an outer magnetic ring and said second magnetic portion includes a first magnetic ring, a second magnetic ring and a third magnetic ring.

21. (Previously Presented) The heat-dissipating device according to Claim 20, wherein said first magnetic ring and said third magnetic ring are connected to the shaft and said second magnetic ring is connected to said base.

22. (Currently Amended) The heat-dissipating device according to Claim 20, wherein said inner magnetic ring and said outer magnetic ring are disposed in a radial alignment with ~~each other to have the same polar disposition~~ identical poles opposing each other for generating repulsive magnetic field.

23. (Currently Amended) The heat-dissipating device according to Claim 20, wherein said first magnetic ring, said second magnetic ring and said third magnetic ring are disposed in an axial alignment with ~~each other to have an opposite polar disposition~~ identical poles opposing each other for generating repulsive magnetic field.

**AMENDMENTS TO THE DRAWINGS**

Attached hereto are six (6) sheets of corrected drawings that comply with the provisions of 37 C.F.R. § 1.84. The corrected drawings incorporate the following drawing changes:

In Figs. 3a-4c, reference sign 62 has been added.

It is respectfully requested that the corrected drawings be approved and made a part of the record of the above-identified application.